

Title (en)
In vitro production of intracellular protozoa.

Title (de)
In vitro Herstellung von intrazellularen Protozoen.

Title (fr)
Production in vitro de protozoaires intracellulaires.

Publication
EP 0078205 A2 19830504 (EN)

Application
EP 82401933 A 19821021

Priority
US 31415381 A 19811023

Abstract (en)
Host cells in which cell division is inhibited remain susceptible to infection with, and fully capable of supporting the intracellular development of, protozoan parasites. By infecting such host cells it is possible to significantly increase the overall proportion of parasite-infected, compared to non-infected, cells in culture and in consequence obtain higher parasite yields under similar temporal conditions than with conventional culture systems. This procedure provides larger quantities of parasites for the isolation of parasite specific materials such as can be used for vaccine production and is effective with a range of protozoan species including the etiological agents of trypanosomiasis, coccidiosis and malaria.

IPC 1-7
C12N 1/10

IPC 8 full level
C12N 1/10 (2006.01)

CPC (source: EP)
C12N 1/10 (2013.01); **Y02A 50/30** (2017.12)

Cited by
FR2612779A1; US7250286B2; US7816118B2

Designated contracting state (EPC)
CH DE FR GB LI NL

DOCDB simple family (publication)
EP 0078205 A2 19830504; EP 0078205 A3 19830803; EP 0078205 B1 19851204; DE 3267832 D1 19860116; JP S5886079 A 19830523

DOCDB simple family (application)
EP 82401933 A 19821021; DE 3267832 T 19821021; JP 18479582 A 19821022